
 <p>MAHATRANSCO Maharashtra State Electricity Transmission Co. Ltd.</p>	<p align="center">MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD. Government of Maharashtra (Undertaking) (CIN: U40109MH2005SGC153646) OFFICE OF THE EXECUTIVE ENGINEER EHV O&M DIVISION, MANCHAR DSK's Pride , Survey No-170/7B, Pune-Nashik Highway, In front of Rural Health Centre, Manchar , Tq- Ambegaon Dist: Pune-410503 E-mail:ee61A0@mahatransco.in, eemanchar404@gmail.com Ph- 02133-223040/41</p>	
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EE/EHV/O&M/Division/Manchar/Tech/ No. 1043

Date: 06.11.2023.

EXTENSION-1 NOTICE BUDGETORY OFFER

Ref: EE/EHV/O&M/Division/Manchar/Tech/No. 953 dated 26.10.2023.

This office intends to procure 6.45 kVAR, 132 kV Series reactor at 220kV Ranjangaon Sub-Station under EHV O&M Division Manchar EHV O&M Division Manchar.

Sr. No.	Particulars	Unit	Applicable GST%	Ex-Rate/Unit (Rs.)
1	Supply of series reactor for 30MVA capacitor bank. Required specifications of series reactor: As per Annexure 'A' enclosed.			

All interested bidders are requested to submit their best offer for above said work on **E mail id: ee61A0@mahatransco.in** along with applicable rate of GST for above work on or **before 15/11/2023.**

This budgetary offer is invited only for estimation purpose and same will not be considered for any bidding or other activity.

Encl: Annexure- 'A'

Sd/-
(S. R Wagh)
Executive Engineer
EHV O&M Division Manchar

Annexure-A

GUARANTEED TECHNICAL PARTICULARS

FOR 6.45 KVAR, 132 KV SERIES REACTORS

Sr.No	DESCRIPTION	PARTICULARS
01.	Type	Aluminum wound, Air Core, Dry Type, Neutral side, Outdoor Series Reactor.
02.	Reference Standard	IS : 5553 Part-III/1990
03.	Rated voltage, KV	132
04.	Rated current, Amp	74.55
05.	No. of Phases	Single
06.	Rated Capacity / Inductance	12.913KVA _r
07.	Rated Frequency, Hz	50
08.	Compensation % of series reactor	0.2%
09.	Rated Short time current & Duration	16.6 times of 130% rated current for 2 sec
10.	Basic Insulation Level	
	a) Power Frequency withstand Voltage, KV rms	70 for Winding 275 for Insulator
	b) Lightning Impulse withstand Voltage, KV peak	170 for Winding 650 for Insulator
11.	Impedance at rated output, rated MVA _r	2.323 Ohm
12.	a) Type of cooling	Air Cooled
	b) Quality of Oil, If Oil Cooled	N.A
13.	Description of Winding insulation	Class F
14.	Material of Winding	Aluminum
15.	Maximum Temperature Rise	90° C
16.	Terminal arrangement	Aluminum Bus Bar
17.	Testing	All routine tests except Induced over voltage Test/Impulse test

Sd/-
(S. R Wagh)
Executive Engineer
EHV O&M Division Manchar